

Application No. 10/050,427
Reply to Office Action dated May 30, 2003

Amendments to the Drawings:

The attached sheets of drawings includes changes to Figures 1-16.

Attachment: Replacement Sheets

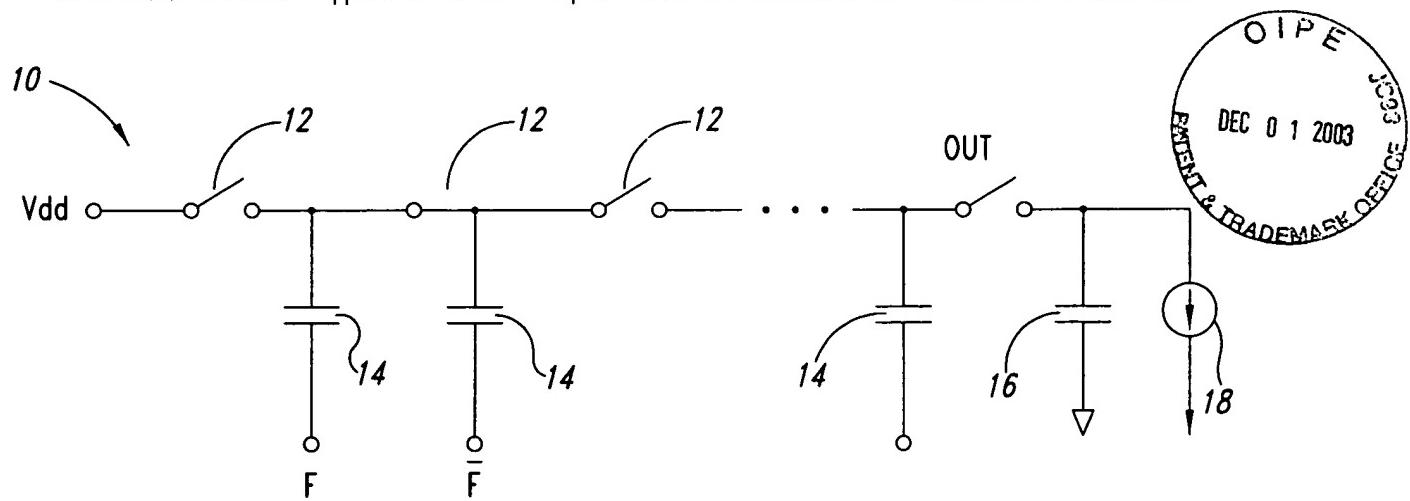


Fig. 1

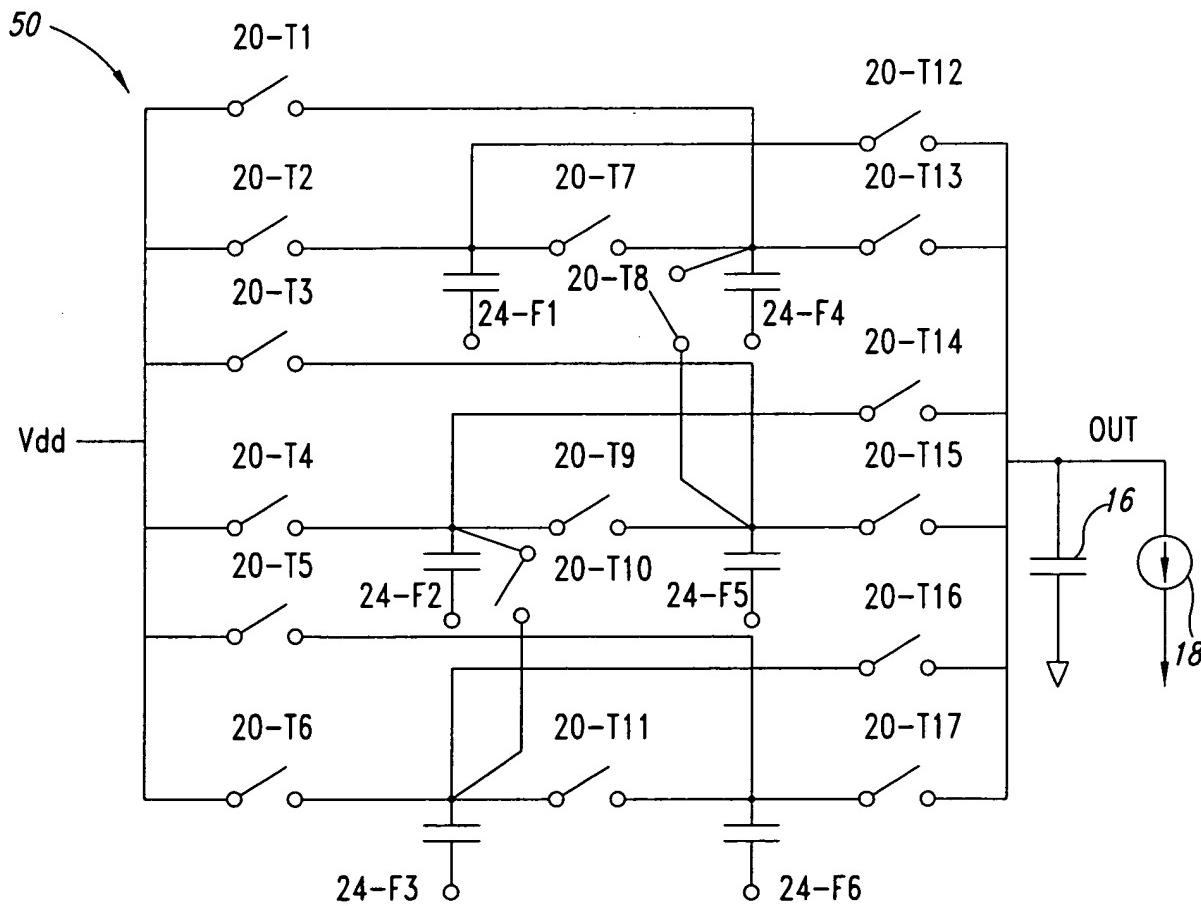


Fig. 2

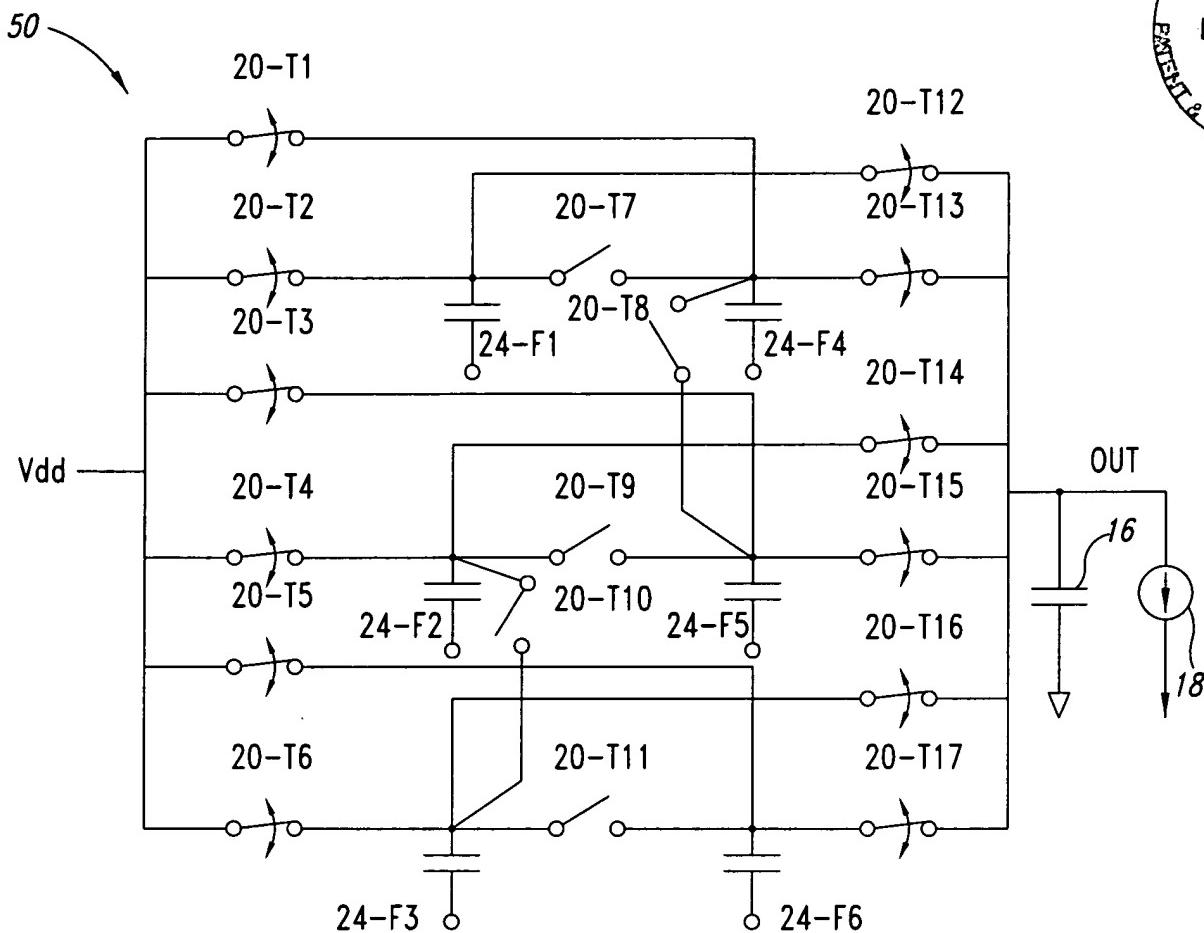
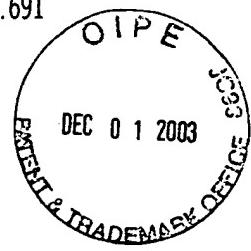


Fig. 3A

N	F ₁	F ₂	F ₃	F ₄	F ₅	F ₆
1	F	F	F	F	F	F

N	F _{T1}	F _{T2}	F _{T3}	F _{T4}	F _{T5}	F _{T6}	F _{T12}	F _{T13}	F _{T14}	F _{T15}	F _{T16}	F _{T17}
1	\bar{F}	\bar{F}	\bar{F}	\bar{F}	\bar{F}	\bar{F}	F	F	F	F	F	F

Fig. 3B

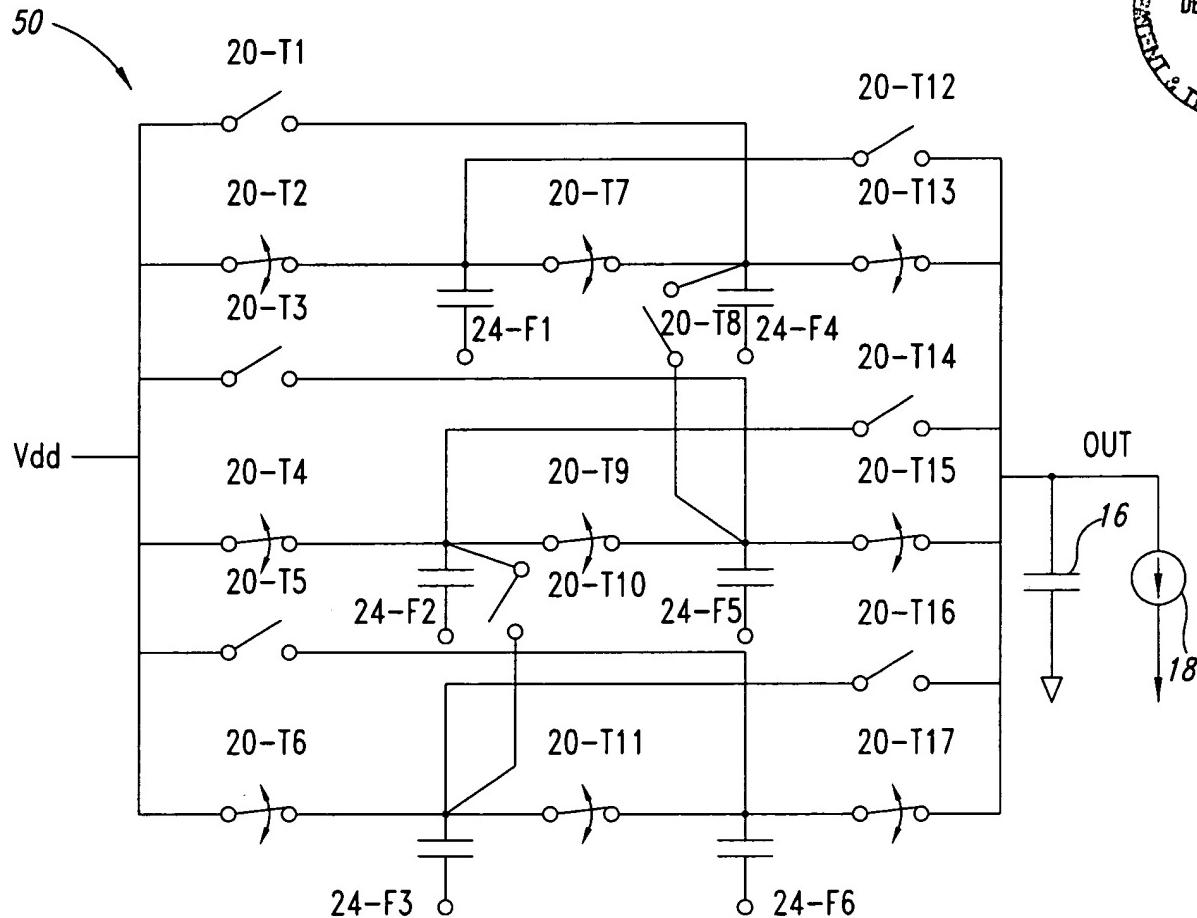
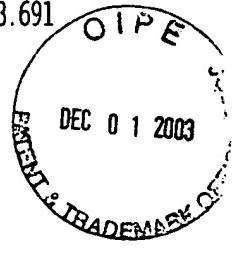


Fig. 4A

N	F ₁	F ₂	F ₃	F ₄	F ₅	F ₆
2	F	F	F	F	F	F

N	F _{T2}	F _{T4}	F _{T6}	F _{T7}	F _{T9}	F _{T11}	F _{T13}	F _{T15}	F _{T17}
2	F	F	F	F	F	F	F	F	F

Fig. 4B

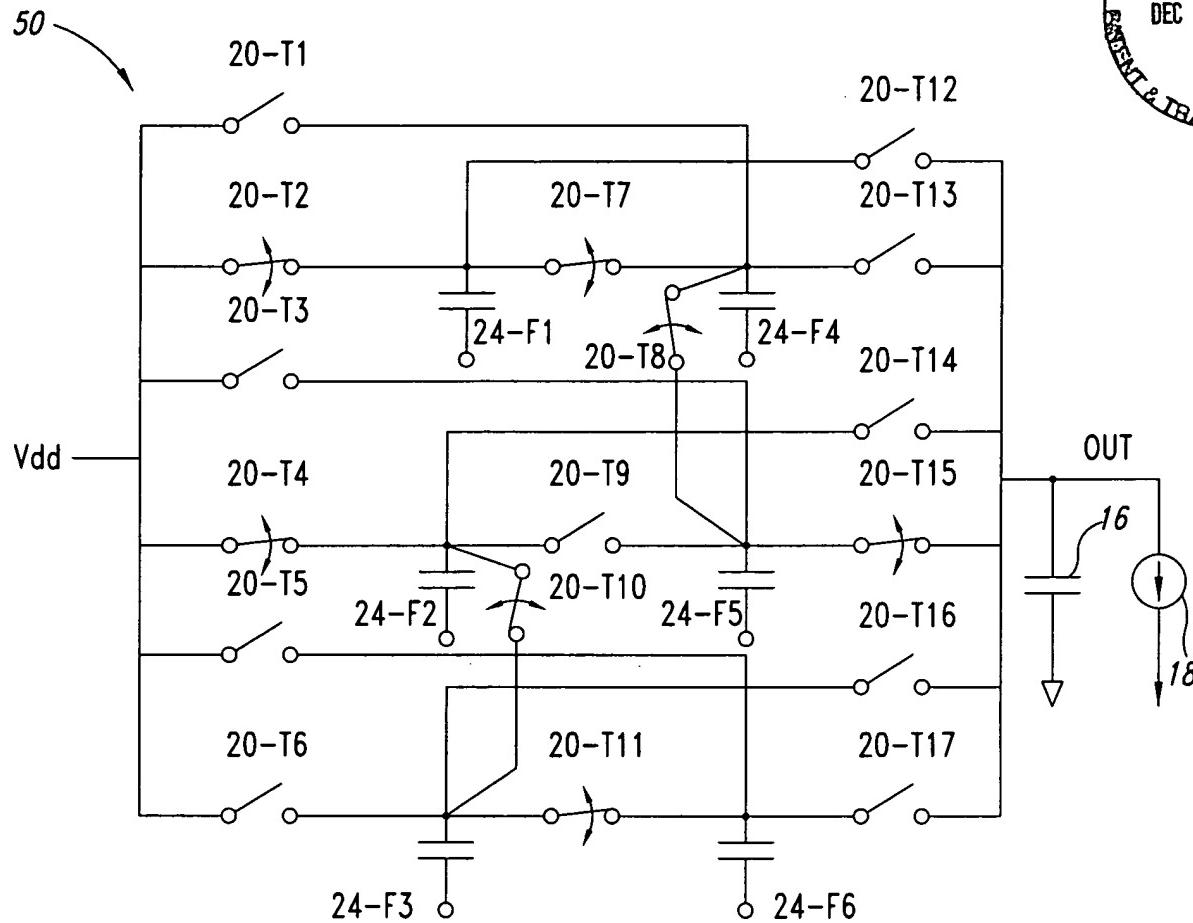
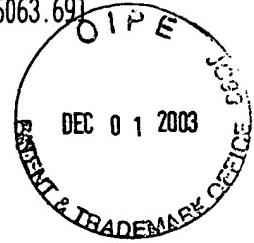


Fig. 5A

N	F ₁	F ₂	F ₃	F ₄	F ₅	F ₆
3	F	F	\bar{F}	\bar{F}	F	F

N	F _{T2}	F _{T4}	F _{T7}	F _{T8}	F _{T10}	F _{T11}	F _{T15}	F _{T17}
3	\bar{F}	\bar{F}	F	\bar{F}	F	\bar{F}	F	F

Fig. 5B

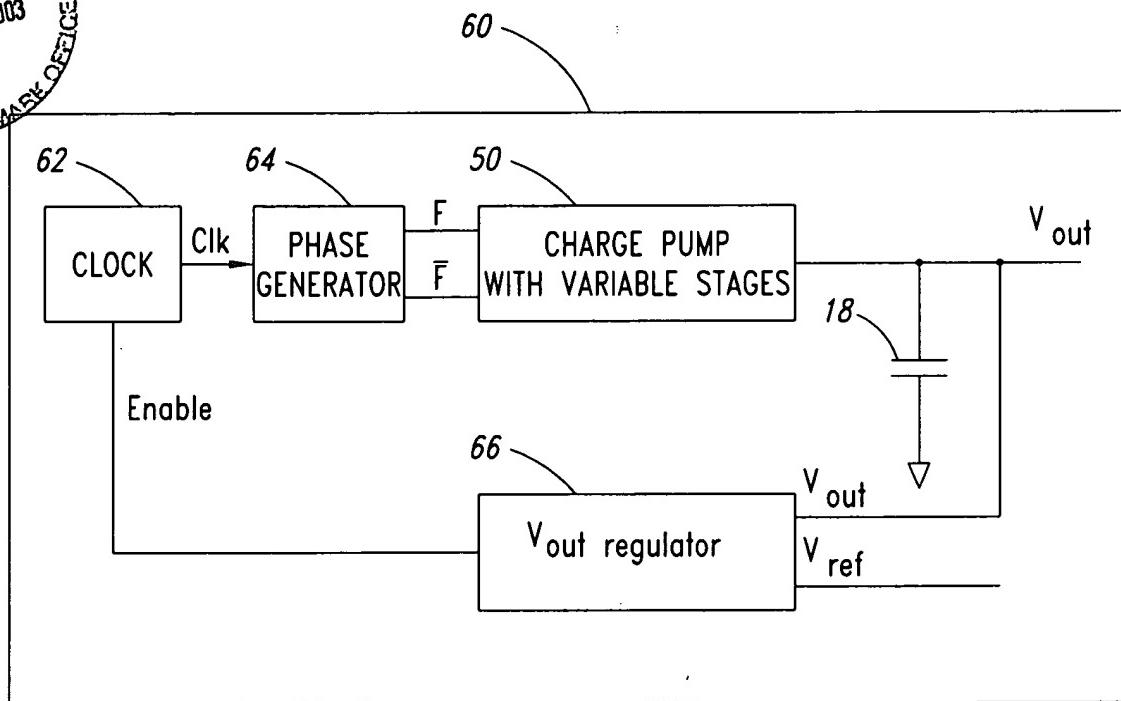


Fig. 6

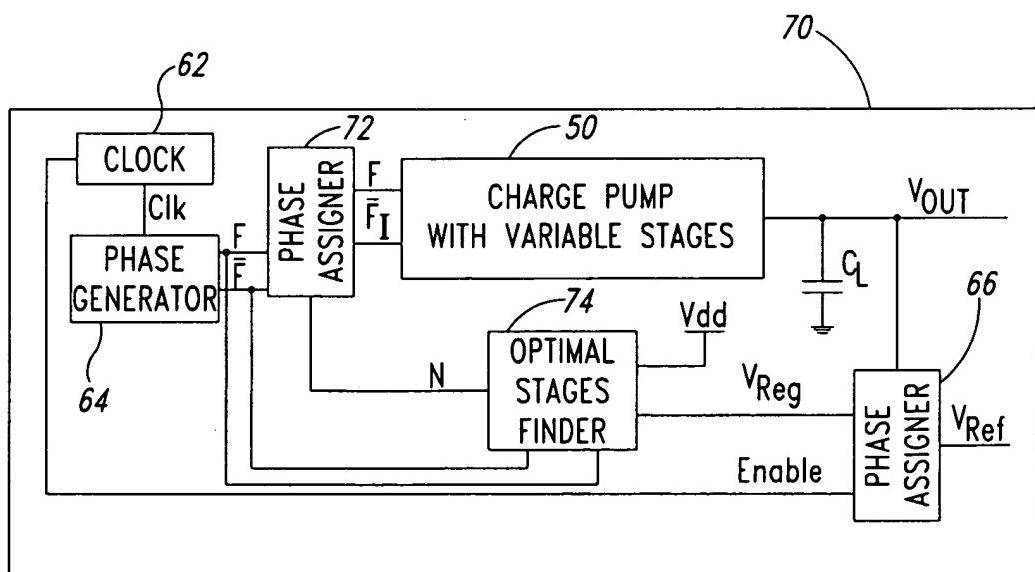


Fig. 7

Title: VARIABLE STAGE CHARGE PUMP "REPLACEMENT SHEET" Serial No. 10/050,427

Inventor(s): Domenico Pappalardo et al. Express Mail No. EV347012424US Docket No. 856063.691

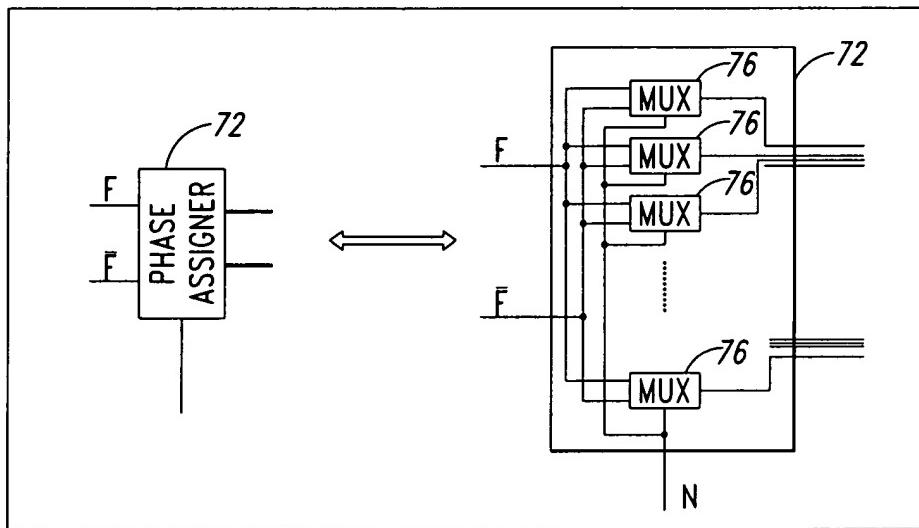


Fig. 8

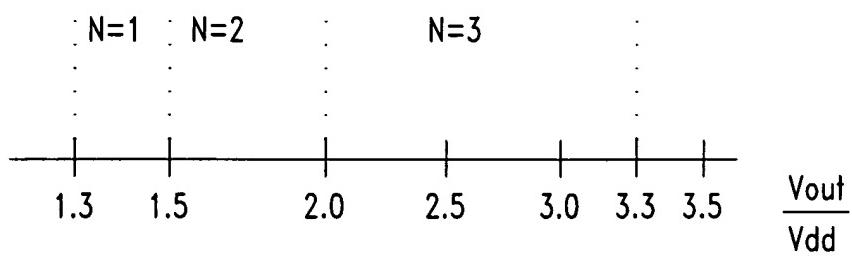


Fig. 9

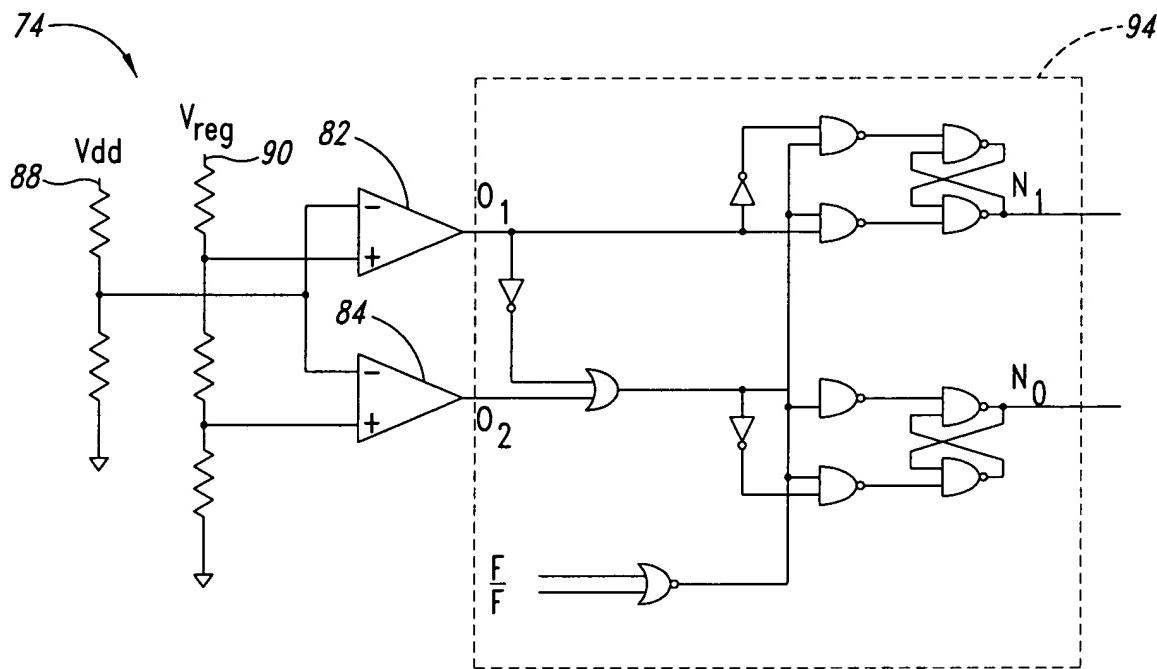
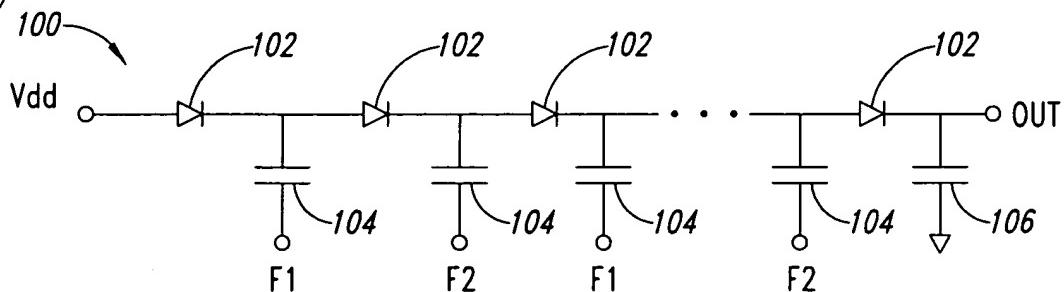


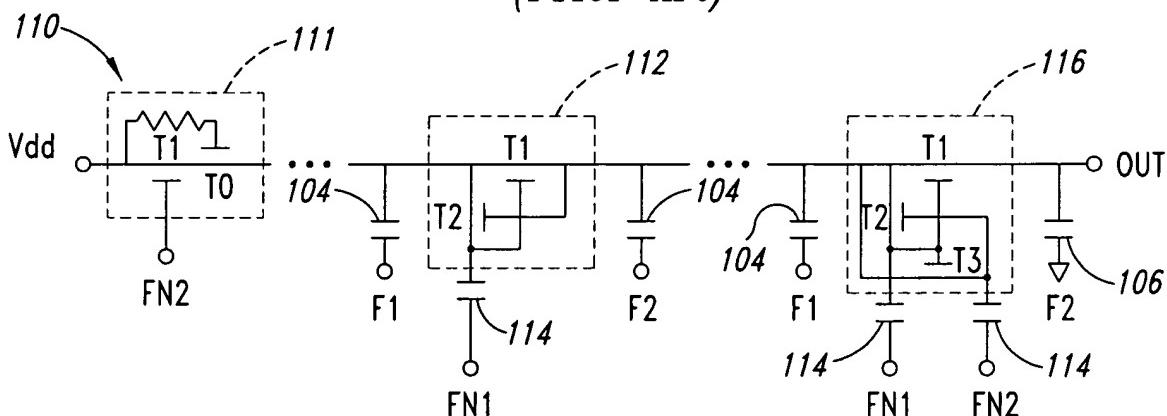
Fig. 10A

$\left(\frac{V_{out}}{V_{dd}}\right)_{min}$	$\left(\frac{V_{out}}{V_{dd}}\right)_{max}$	0 ₁	0 ₂	N ₁	N ₀
1.3	1.5	0	0	0	1
1.5	2.0	1	0	1	0
2.0	3.3	1	1	1	1

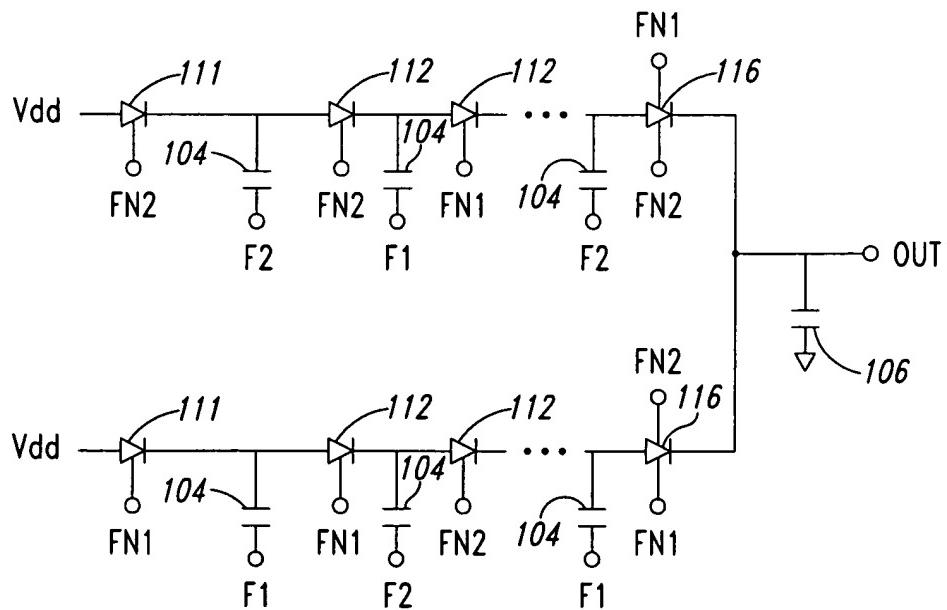
Fig. 10B



*Fig. 11
(Prior Art)*



*Fig. 12
(Prior Art)*



*Fig. 13
(Prior Art)*

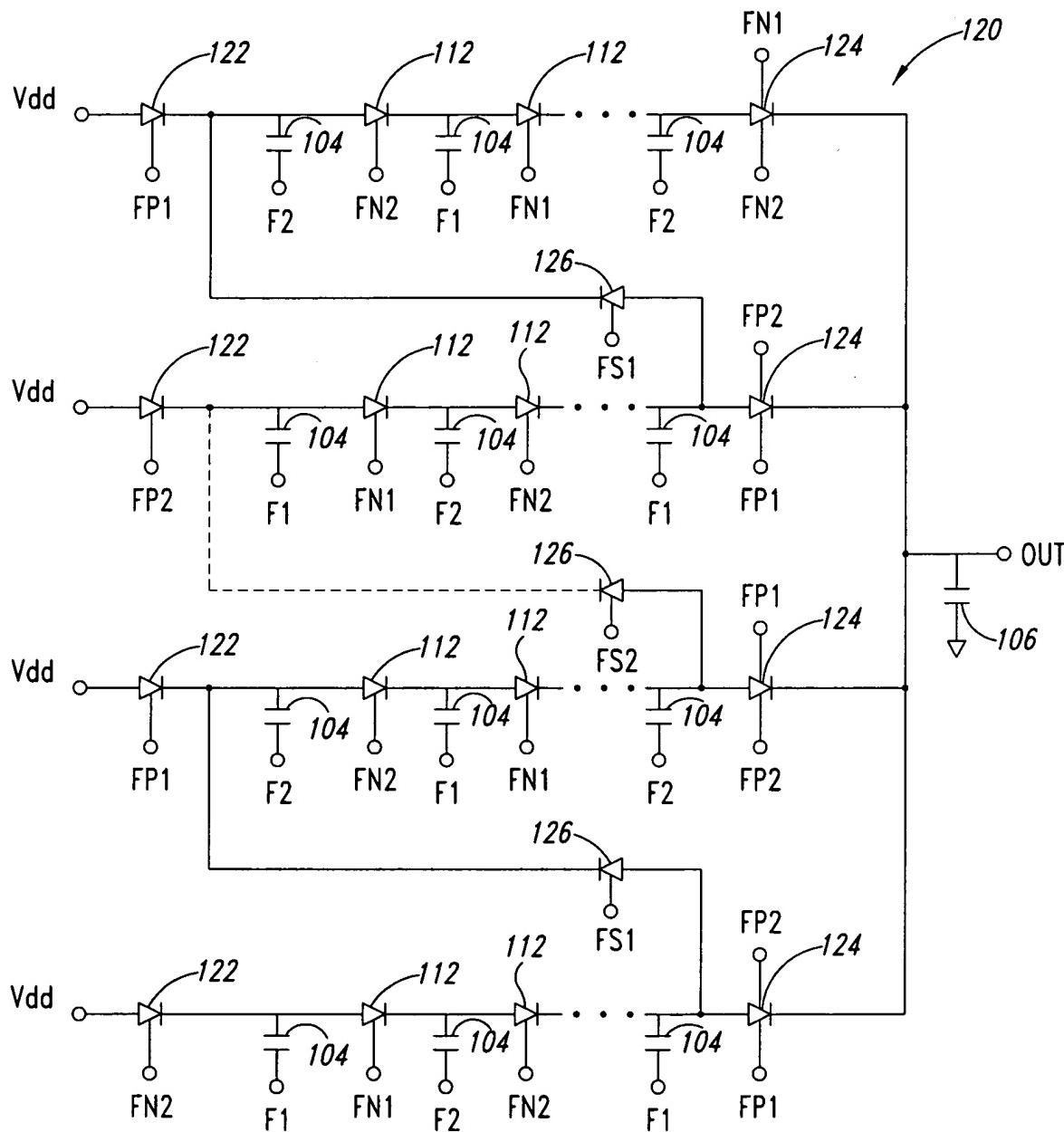


Fig. 14

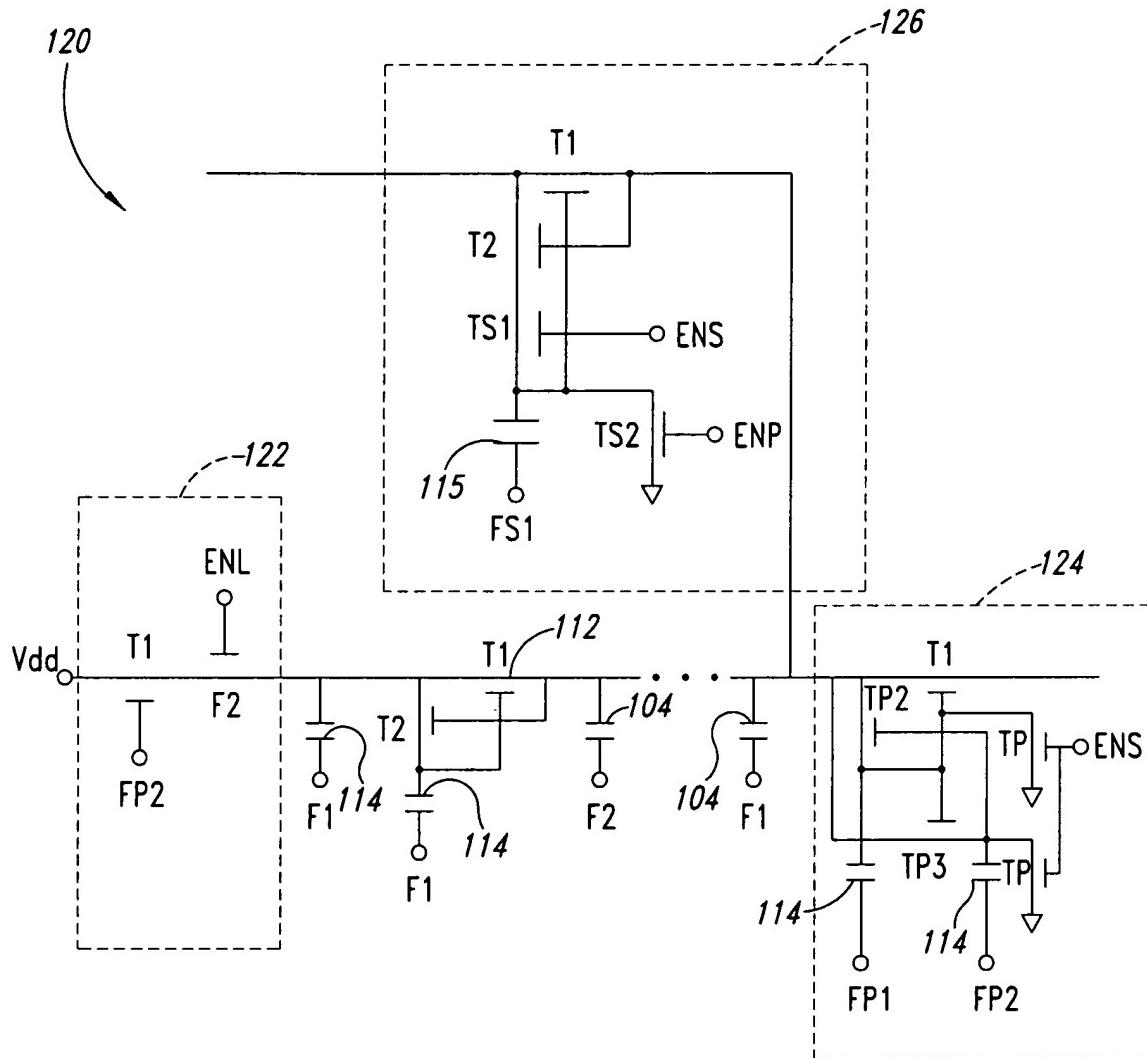
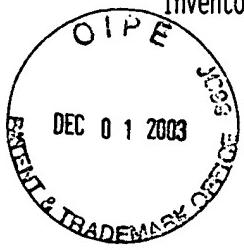
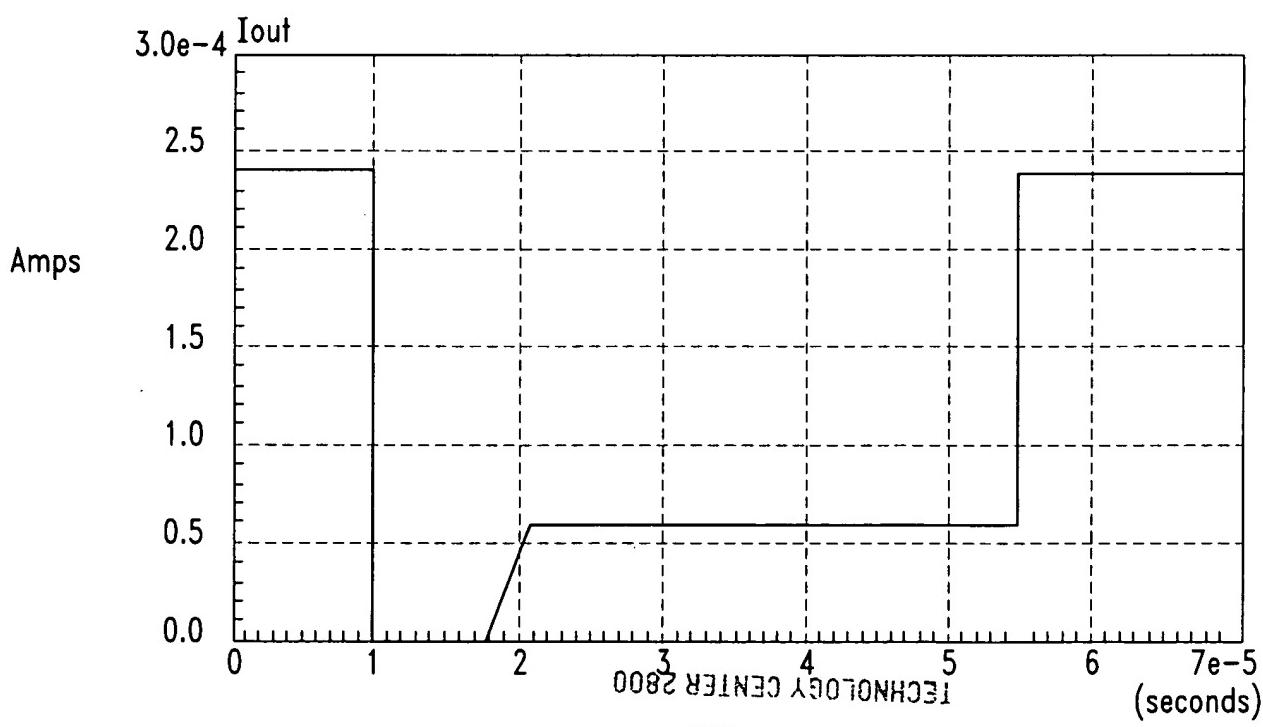
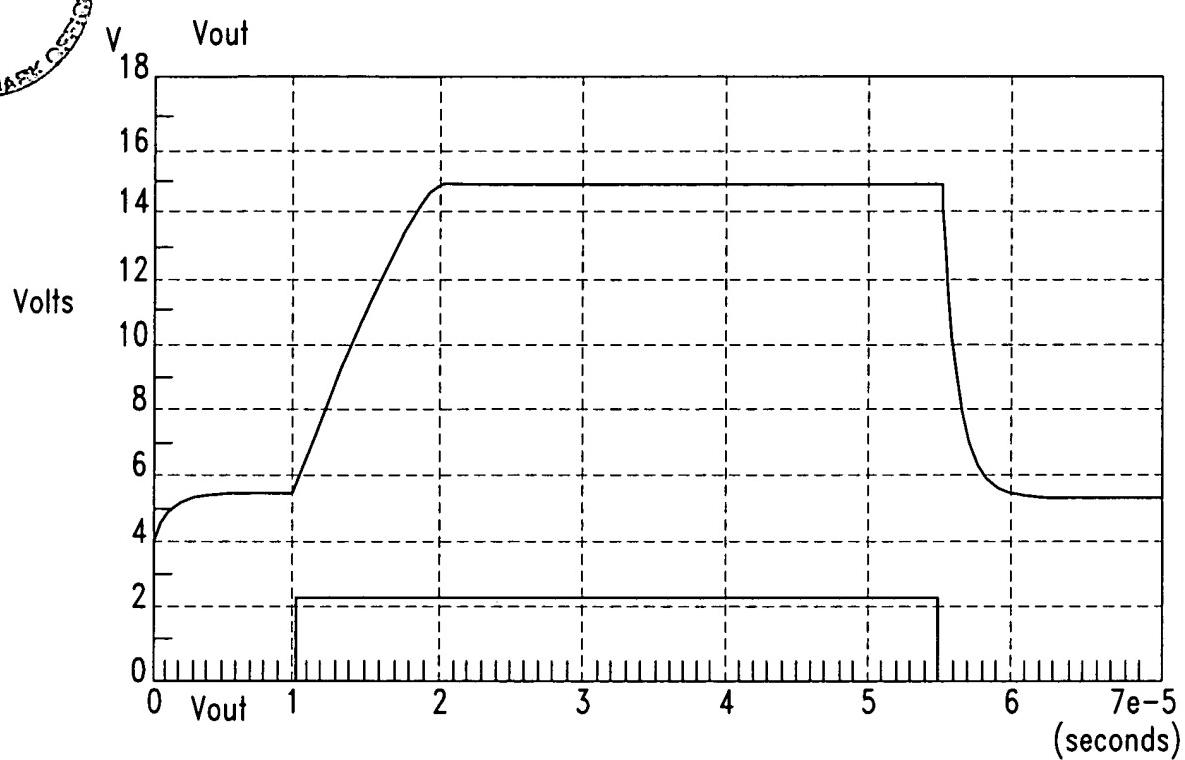
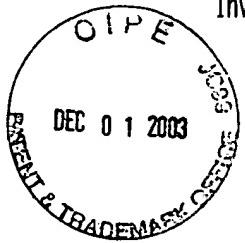


Fig. 15



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Fig. 16